INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/10832

A. CLAS	SIFICATION OF SUBJECT MATTER G01S 7/40(2006.01),13/66(2006.01)			
USPC: 342/90,95,96,97,195 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELI	OS SEARCHED			
	Minimum documentation searched (classification system followed by classification symbols) U.S.: 342/90, 95, 96, 97, 195			
Documentation	on searched other than minimum documentation to the	extent that such documents are included in	the fields searched	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST search terms: OTH or (over adj3 horizon), (target same class\$9), buffer, (parallel same channel)				
C. DOC	JMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.	
A	US 4456982 A (TOURNOIS) 26 June 1984 (26.06.1 see Abstract for target classifier system.		1-16	
Α	US 5334985 A (TUCKER et al) 02 August 1994 (02.08.1994), see Abstract for target 1-16 classification, see column 2, lines 37-47 for OTH radar.			
Α	US 4593286 A (MATHEWS et al) 03 June 1986 (03.06.1983), see column 9, lines 18-40 for target classification.			
A	US 6211816 B1 (WESTPHAL) 03 April 2001 (03.04.2001), see column 5, lines 16-37 for target classification, see column 5, lines 38-45 for detecting targets over the horizon.			
A	US 6373426 B1 (HELLSTEN) 16 April 2002 (16.04.2002), see column 4, lines 35-54 for OTH radar, see column 5, lines 13-25 for targer classification.			
			·	
Further	documents are listed in the continuation of Box C.	See patent family annex.		
• Si	pecial categories of cited documents:	Inter document published after the inter date and not in conflict with the applica		
	defining the general state of the art which is not considered to be of relevance	principle or theory underlying the inven	ition	
•	olication or patent published on or after the international filing date	"X" document of particular relevance; the cl considered novel or cannot be considered when the document is taken alone		
	which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (es	"Y" document of particular relevance; the cl considered to involve an inventive step combined with one or more other such	when the document is	
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the		
	document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed		{	
Date of the actual completion of the international search Date of mailing of the international search report				
21 June 2006 (21.06.2006) 0 1 NOV 2006			NOV 2006	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Authorized officer Authorized officer			1016/20	
Con	nmissioner for Patents	John B. Sotomayor	0 0	
P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571-272-3600				
Facsimile No. (571) 273-3201				

Form PCT/ISA/210 (second sheet) (April 2005)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference SRI-009PC	FOR FURTHER ACTION	See item 4 below	
	International filing date (day/month/year) 30 March 2005 (30.03.2005)	Priority date (day/month/year) 05 April 2004 (05.04.2004)	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant SRI INTERNATIONAL			

1.	 This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a). 			
2.	. This REPORT consists of a total of 4 sheets, including this cover sheet.			
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.			
3.	3. This report contains indications relating to the following items:			
	Box No. I	Basis of the report		
	Box No. II	Priority		
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability		
	Box No. IV	Lack of unity of invention		
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
	Box No. VI	Certain documents cited		
	Box No. VII	Certain defects in the international application		
	Box No. VIII	Certain observations on the international application		
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).			
			Date of issuance of this report 20 December 2006 (20.12.2006)	
The International Bureau of WIPO			Authorized officer	
34, chemin des Colombettes 1211 Geneva 20, Switzerland			Yolaine Cussac	
	Facsimile No. +41 22 338 82 70 e-mail: pt11@wipo.int			
Form PCT/IB/373 (January 2004)				

PATENT COOPERATION TREATY

From the NTERNATIONAL SEARCHING AUTHO	RITY		
To: WILLIAM G. GUERIN GUERIN & RODRIGUEZ, LLP 5 MOUNT ROYAL AVENUE MOUNT ROYAL OFFICE PARK		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY	
		Date of mailing	01 NOV 2006
L		(day/month/year) FOR FURTHER A	
Applicant's or agent's file reference		See paragraph 2 below	
SRI-009PC	International filing date	(day/month/year)	Priority date (day/month/year)
International application No.	30 March 2005 (30.03.2		05 April 2004 (05.04.2004)
PCT/US05/10832 International Patent Classification (IPC)	or both national classifica	tion and IPC	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
IPC: G01S 7/40(2006.01),13/66(20 USPC: 342/90,95,96,97,195			
Applicant			
SRI INTERNATIONAL			
1. This opinion contains indications re	lating to the following ite	ms:	
Box No. I Basis of th	e opinion		,
Box No. II Priority			
Box No. III Non-estab			
		is 1(a)(i) with regard to	o novelty, inventive step or industrial
Box No. V Reasoned applicabil	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
Box No. VI Certain do	Box No. VI Certain documents cited		
Box No. VII Certain de	fects in the international	application	
Box No. VIII Certain of	oservations on the interna-	tional application	
2. FURTHER ACTION			
If a demand for international prel	ing Authority ("IPEA)	en IPEA has notified t	be considered to be a written opinion of the not apply where the applicant chooses an he International Bureau under Rule 66.1 bis(b) lered.
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.			
For further options, see Form PCT/ISA/220.			
3. For further details, see notes to Fo	rm PCT/ISA/220.		
Name and mailing address of the ISA/	US Date of con	pletion of this opinion	Authorized officer No.
Mail Stop PCT, Attn: ISA/US	1)6 (21.06.2006)	John B. Sotomayor
Commissioner for Patents P.O. Box 1450	i	(2	T-1
Alexandria, Virginia 22313-145 Facsimile No. (571) 273-3201	°		Telephone No. 571-272-3600
Form PCT/ISA/237 (cover sheet) (April	2005)		

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US05/10832

Box No. I Basis of this opinion				
	·			
1. With r	. With regard to the language, this opinion has been established on the basis of:			
\boxtimes	the international application in the language in which it was filed			
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).			
2. With inven	2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:			
a.	type of material			
	a sequence listing			
	table(s) related to the sequence listing			
b.	format of material			
	on paper			
	in electronic form			
c.	time of filing/furnishing			
	contained in the international application as filed.			
	filed together with the international application in electronic form.			
	furnished subsequently to this Authority for the purposes of search.			
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.			
4. Add	itional comments:			
1				

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US05/10832

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1. Statement			
Novelty (N)	Claims 1-16	YES	
	Claims NONE	NO	
Inventive step (IS)	Claims 1-16	YES	
inventive step (13)	Claims NONE	NO	
Industrial applicability (IA)	Claims 1-16	YES NO	
	Claims NONE	140	
2. Citations and explanations:			
Claims 1-16 meet the criteria set out in PCT Article and computer program product for detecting targets radar, storing and processing radar data in a plurality	in a plurality of target classes including, inter-	alia, configuring an over-the-horizon	
Claims 1-16 meet the criteria set out in PCT Article applicability because the subject matter claimed can	33(4), and thus the claimed method and compose made or used in industry.	uter program product have industrial	
	•		
1			
ľ			

Form PCT/ISA/237 (Box No. V) (April 2005)